RoadRunner
L6

High Brightness Performance in a Flexible Package

Christie's L6 is a powerful, easy-to-use multimedia projector, designed for high brightness applications with the flexibility of low-power mode operation for longer lamp life. Feature-rich and supported by a full suite of optional lenses, interface cards and optional accessories, the L6 is the perfect projector, whatever the environment.

The dual lamp system offers a choice between projecting at a powerful 5200 ANSI lumens (dual lamp mode) or more economical 2600 ANSI lumens (single lamp mode) brightness, but with an extended lamp life.

The L6 is compatible with the full array of both video and data inputs and as a Christie projector, it is designed for the digital age. The L6 offers flexible digital connectivity with a wide range of optional interface cards to eliminate picture noise and signal degradation. Progressive scan video decoding with a 2:3 pull-down improves playback of moving images for sharper, defect-free video quality. Real Color Manager software enables you to target and match displayed colors to specific gamma curves for life-like images. And the perfect picture can be perfectly positioned using the motorized lens, image elevation and digital keystone features. Monitor lamp life and projector temperature with the optional ChristieNET™, Christie's own projector management and control solution.

Supported by an extensive suite of short, medium, long, fixed and zoom lenses (optional), the L6 is a reliable resource to meet the demands of a wide spectrum of large audience applications. Equipped with the robust FLC™ Fast Lens Change mount, changes for both motorized or manual lenses are simple – no tools required. Presentation features such as digital magnification, picture freeze and 'no-show' mode can be used to add extra showmanship for any event. The on-screen logo display facility even permits you to display your own logos, images or messages when a signal is not present.

- **True XGA resolution (1024 x 768)**
- **5200 ANSI lumens maximum**
- **DTV & HDTV compatible**
- **Progressive scan video decoding**
- **Motorized zoom, focus and lens shift (up/down)**
- **2-lamp system – dual or single lamp operation**
- **Lamp redundancy and failsafe operation**
- **Monitor lamp usage**
- **Extensive optional lens suite**
- **Presentation support features**

APPLICATIONS

- Executive briefing and conference centers
- Tradeshows, exhibitions
- Auditoriums and churches
- Casinos, theme parks and museums

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RoadRunner L6 • Specifications

Brightness
- 5200 ANSI lumens (2-lamp mode)
- 2600 ANSI lumens (1-lamp mode)
- 85% brightness uniformity

Contrast Ratio
- Over 700:1 on/off

Resolution
- 3 x 1.8" p-Si Active Matrix TFT High Aperture LCD panels with Micro Lens Array
- True XGA 1024 x 768 chip resolution
- 8-bit color resolution offering 16.7 million displayable colors

Dynamic Scaling
- Digital scaling of VGA – SXGA resolutions
- Digital de-interlacing of STV, DTV and HDTV formats with Digital Interpolation Technology (DIT) with 2:3 pull-down

Horizontal Frequency
- 15 to 120kHz
- Automatic frequency control

- Accepts composite video, S-video and component video from VCR, DVD, laser disc players and video cameras
- Auto-detects PAL, PAL M, PAL N, NTSC, NTSC4.43 and SECAM video standards
- Compatible with DTV/HDTV formats, 480 30i, 480 30p, 720p, 720 60p, 1035 30i, 1080 25i and 1080 30i and 1035i
- HDTV compatible, 800 TV lines horizontal resolution
- Digital Visual Interface (DVI-D) compatible

Enhanced Feature Set
- Progressive scan video decoding
- 3-D digital noise reduction
- User-selectable 2 or 1-lamp mode
- Motorized zoom and focus
- Motorized lens shift (up and down)
- Picture freeze function
- 'No-show' mode function
- Digital zoom function (min. x1/4, max. x49)
- Digital keystone function (+/- 30 degrees)
- Power management function
- Audio mute
- Presentation timer

Power Requirements
- Universal power AC 100 - 240 V, 50/60Hz
- Operating voltage: 90 - 264 V (100 - 120 V/200 - 240 V +/- 10%)
- Power consumption: 660W maximum
- Thermal dissipation: 2240BTU/hr
- Operating temperature: 5° to 35° C (storage: -10° to 60°)
- Operating humidity: 20 - 80% (storage 0 - 90%)
- Acoustic noise level: 45dB (auto fan control for noise level reduction)

Weight and Size
- 45.2 lbs (20.5 kg)
- 17.3" W x 8.9" H x 23.8" D
- 439mm W x 230mm H x 605mm D

Standard Accessories
- Real Color Manager user-definable gamma software
- Wireless/wired remote controller with mouse control and laser pointer (two "AA" type batteries and cable included)
- User manual

FEATURES

- *Intuitive on-screen display controlled via remote or direct-key access.*

- *Unprecedented brightness and projection power.*

- *Dual lamp system offers flexibility and failsafe operation.*

Vertical Frequency
- 50 to 120Hz
- Automatic frequency control

Dot Clock
- 230MHz

Standard Projection Lens
- A full suite of short/medium/long-fixed and zoom optional lenses
- Fast Lens Change (FLC™) mount has power adjustable zoom, focus, up/down shift
- Power lens shift U/D ratio of 10:0-0:10 or 8:1-1:8
- Image elevation adjustment: up 6.9 degrees
- Screen size: 40" - 600" (0.15m to 15.24m) diagonal

Modular Inputs
- Input 1 (removable): analog RGB, D-sub-15 x 1; audio – RCA x 2 (R, L/mono); control – 8-pin mini-DIN x 1
- Input 2 (removable): BNC x 5 (R,G, B, H, V and Y, Pb/Cb, Pr/Cr); audio – RCA x 2 (R, L/mono); control – 8-pin mini-DIN x 1
- Input 3 (removable): BNC x 2(composite and S-video Y/C); 4-pin mini-DIN S-video; audio – RCA x 2 (R, L/mono)

Outputs
- Two built-in 3W speakers (per channel) and amplifier
- Audio output RCA x 2

Source Compatibility
- Compatible with VGA, SVGA, XGA, SXGA, UXGA, Mac, SUN and SGI computer sources

Control/Networking
- Automatic Multi-Scanning Set-up system (AMSS) (phase/tracking/position)
- USB Type B
- Remote control jack
- RS232-C communications port via 9-pin D-sub terminal (in/out)
- Wire remote control
- IR remote keypad with mouse and laser pointer
- Front and rear IR receivers
- Remote mouse control
- ChristieNET™ control and monitoring via HTML and SNMP (optional)

Graphical User Interface
- Easy set-up and intuitive multi-language on-screen displays (OSD) (English/German/French/Spanish/Italian/ Portuguese/Dutch/Swedish/Chinese/ Korean/Japanese)
- Direct-key status function
- Choice of image aspect ratios (4:3 or wide 16:9)
- Blue back display
- Standby on-screen logo display
- Picture reverse scans function (left/right and top/bottom) for front, rear and inverted projection

Lamp Specification
- Two 200W UHP lamps
- 1000 hours typical lamp life
- Lamp life warning indicators
- User replaceable lamp

- Computer cable (D-sub-15 - D-sub-15)
- Mac/VGA adapter
- Mouse control cable (PS/2, Serial and Mac)
- Dust cover
- AC cord x 2 (UL type and European 2P plug type)

Optional Accessories
- Short throw lenses: 0.8:1, 1.2:1 and 1.3-1.8:1 zoom lens
- Medium throw lenses: 1.8-2.9:1, 2.0-2.6:1 and 2.6-3.5:1 zoom lens
- Long throw lenses: 3.5-4.6:1, 4.6-6.0:1 long throw and 7.0:1 fixed zoom lens
- Digital Visual Interface (DVI) module
- 5BNC interface module
- Y/C interface module
- D-sub-15 interface module
- Digital HD-SDI interface module
- SDI digital interface module
- 10-bit Faroudja interface module
- Lamp module
- Transit case

Regulatory Approvals
- Complies with all relevant world-wide EMC and safety standards
- The product complies with FCC Class A, CE mark and safety requirements IEC950 (EN60950), UL1950/cUL

Warranty
- Product warranty 2 years parts and labor (excluding lamp)
- Lamp warranty 120 days

Reliability
- Mean time between failure (MTBF) over 19000 hrs

Due to constant research, specifications are subject to change without notice.

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